



SSP Lintronic NetSign CAC v4.2.0.155

Engineering Acceptance Document v1.1

for U.S. Army NETCOM-ESTA

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Accepted By:

Approval Signatures

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Service Delivery ^{††} – N/A	_____	Date __ / __ / __
CSC Security [†] – N/A	_____	Date __ / __ / __

[‡] Required ONLY for EAD's containing items with rate based service indicators

[†] Required for any application that modifies the default security or as otherwise required by the account or customer

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Application Description

NetSign CAC is a smart card client package that provides network security and desktop protection for users of the Common Access Card. NetSign CAC middleware enables users to digitally sign and encrypt email, securely logon to PCs, applications, and websites, and safely perform other necessary cryptographic functions. The administration features of NetSign CAC allow network and systems administrators to download user initial configurations from the network administrator's console, install middleware updates, and dynamically configure user email and encryption functions.

There are many benefits of using NetSign CAC. The key benefits include:

- Helps accomplish day-to-day tasks required of CAC holders
- Reduces end user involvement in installation and maintenance
- Eases burden for certificate management and application configuration
- Meets accepted industry standards for interoperability

Caveats

NetSign CAC contains user manuals created in the Adobe PDF format and therefore requires an installation of Adobe Acrobat Reader. This modified installation of NetSign CAC will not include Adobe Acrobat Reader. Users must install Adobe Acrobat Reader separately from this install in order to read these manuals.

Installation Requirements

Hardware

- 133 MHz Pentium processor
- 32 MB RAM (256 MB RAM recommended)
- 30 Mb disk space
- PC/SC compliant smart card reader/writer

Software

- Microsoft Windows XP

Key

This section is a guide to usage for the EAD document and lists sample items for illustration purposes. The items below represent typical program configuration items for a hypothetical drawing tool. Next to each option is 3 checkboxes. From left to right they represent Customer's choice (C), DCeS DSE's recommendation (R), and the program's default (D). All options marked with a ☒ in the left most column (Customer's choice) will be installed as part of the engineered solution. To the left of the choice checkboxes is a column indicating the support status of the individual options. The symbol © represents an item that will be supported as part of a rate-based service. Items marked with a ○ will be supported on a time and materials basis only. Where a © or a ○ is omitted, no attempt to interpret the support status is made. Most EAD's do not interpret the support status. For example...



Drawing Tools

HDD Space: 125MB

C R D

☒ ☒ ☐ Circle Tool

© ☒ ☒ ☒ Square Tool

← Major section

← The amount of HDD space required as recommended by DCeS DSE.
This entry is optional and may not appear on all EAD's

← Choice header

← Program Component

← Program Component

In this example, the *Circle Tool* program component is not installed by default, DCeS DSE recommends the option, and the Customer is directing DCeS DSE to install the option. The *Circle Tool* will be supported on a time and materials or other basis as negotiated with Service Delivery. The *Square Tool* is a default installation option recommended by DCeS DSE and by the customer. It will be installed and supported under a rate-based service.

Installation Options

For this installation, nothing is reconfigured/packaged. The installation consists of running the vendor's installer package in silent mode using the following command line and switch:

"C:\Support\Apps\N42\NetSign CAC.msi" /qb

NetSign CAC Configuration

The application will be configured as follows:



Customer Information

User's name and company

C R D

☒ ☒ ☒ Name: *U.S Army NETCOM-ESTA*

☒ ☒ ☒ Company: *Default Company*

Install application for

C R D

☒ ☒ ☒ *Anyone who uses this computer (all users)*

☐ ☐ ☐ *Only for Me (US Army NETCOM-ESTA)*

Setup Type

The type of install you wish to perform

C R D

☒ ☒ ☒ **Complete:** All program features will be installed. (Requires the most disc space.)

☐ ☐ ☐ **Custom:** Choose which features you want installed and where they will be installed.

Recommended for advanced users.

Settings made with Complete Setup

Install Settings

C R D

☒ ☒ ☒ **Check Browser version.** Checking box results in verifying internet browser versioning

Minimum version IE.....5.5

Minimum version NS....4.73

Maximum version NS...4.79

Certificates

☒ ☒ ☒ **Install Certificates**

Administrative

☒ ☒ ☒ **Display ConfigApp**

Key Strength

☒ ☒ ☒ **Check Config**

Minimum Key Strength...128

Reader

☒ ☒ ☒ **Check for Reader**

Install

☒ ☒ ☒ **Target Path:** N/A

☒ ☒ ☒ **Display release notes** (Will not be displayed due to "quiet" install mode)

Product Features

Application

☒ ☒ ☒ **About**

☒ ☒ ☒ **Pin Change**

☒ ☒ ☒ **Policies**

☒ ☒ ☒ **CAC Browser**



- ☒ ☒ ☒ Troubleshoot
- ☒ ☒ ☒ System Info
- ☒ ☒ ☒ Help

Web Links

C R D

- ☐ ☐ ☐ Override Web link for feedback
URL: N/A
- ☐ ☐ ☐ Override Web link for technical feedback
URL: N/A

Policy Settings

Action to perform when a smartcard is inserted

- ☒ ☒ ☒ No Action
Application or Web Address: N/A

Action to perform when a smartcard is removed

- ☒ ☒ ☒ No Action
Application or Web Address: N/A

- ☒ ☒ ☒ Allow user to override insertion/deletion events

Certificate Registration

- ☒ ☒ ☒ Auto register certificates for IE
- ☐ ☐ ☐ Auto Unreg on LogOff
- ☐ ☐ ☐ Auto Unreg on removal
- ☒ ☒ ☒ Cache certificates

Outlook Auto Configure

- ☒ ☒ ☒ Auto register certificates with Outlook
- ☐ ☐ ☐ Publish to GAL
- ☒ ☒ ☒ Sign Email – No override
- ☒ ☒ ☒ Clear Text Signing – No Override
- ☒ ☒ ☒ Encrypt Email – No Override
- ☒ ☒ ☒ Secure Receipt – No Override
- ☐ ☐ ☐ Auto Decrypt

- ☐ ☐ ☐ Auto Contact

- ☐ ☐ ☐ Auto Update

Pin Policy

- ☒ ☒ ☒ Pin cache mode
Pin timeout = 15 min
- ☐ ☐ ☐ Enable Pin change AutoRemind

Citrix Server

Register applications

- CrdStart.exe
- IEXPLORE.EXE
- Netscape.exe
- NetSign.exe
- Outlook.exe
- pinChange.exe



- psm.exe



Security Modifications

This section details security modifications to the desktop and documents items that were considered to pose a security risk by CSC personnel.

Installer Privileges

C R D

☒☒☒ Admin Privileges Require for Installation

The installer requires elevated privileges to install. Elevation may occur from Active Directory or by temporarily granting admin equivalence to the user.

Rights Changes

This section details modifications to the rights for registry and file objects.

**None known.

Security Policy Changes

N/A

Perceived Risks

The following section lists potential security risks as determined by the CSC Engineer.

Potential Impact	Risk
None	No risks have been identified